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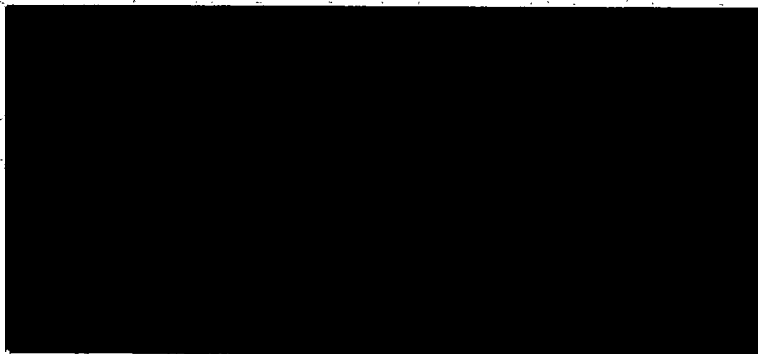
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FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES

FIT PROJECT

**TASK REPORT TO THE
ENVIRONMENTAL PROTECTION AGENCY
CONTRACT NO. 68-01-6056**



**FIELD INVESTIGATIONS OF
UNCONTROLLED HAZARDOUS WASTE SITES**

ORIGINAL
(Red)

FIT PROJECT

**TASK REPORT TO THE
ENVIRONMENTAL PROTECTION AGENCY
CONTRACT NO. 68-01-6056**

On-Site Insepection of
Hoffman Landfill
TDD No. F3-8009-06
EPA No. MD-4

ecology and environment, inc.

International Specialists in the Environmental Sciences

**ORIGINAL
(Red)**

**ON-SITE INSPECTION OF
Hoffman Landfill
TDD No. F3-8009-06
EPA No. MD-4**

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Presented by

**Ecology and Environment, Inc.
Field Investigative Team
Region III**

ORIGINAL
(REQ)

SECTION 1



POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

REGION

SITE NUMBER (to be assigned by HQ)

III

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------|----------------------------|
| A. SITE NAME Hoffman Landfill | | B. STREET (or other identifier) Rt. 36 Hoffman Village | |
| C. CITY Frostburg | D. STATE MD | E. ZIP CODE | F. COUNTY NAME Allegany |
| G. SITE OPERATOR INFORMATION 1. NAME Inactive as landfill. Other uses by owners listed below. | | 2. TELEPHONE NUMBER | |
| 3. STREET | 4. CITY | 5. STATE | 6. ZIP CODE |
| H. REALTY OWNER INFORMATION (if different from operator of site) 1. NAME 1. Maryland Coal and Realty Co. (301) 689-8895 Depot Rd. Frostburg. 2. Cumberland-Allegany County Industrial Foundation | | 2. TELEPHONE NUMBER | |
| 3. CITY | 4. STATE | 5. ZIP CODE | |
| 3. Tressler - Lutheran Associates (689-2425) 1 Kaylor Circle, Frostburg MD | | | |

SITE DESCRIPTION

Inactive solid waste landfill in reclaimed strip mine.

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

| | |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.) 11/3/80 | B. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE |
| C. PREPARER INFORMATION 1. NAME Alton Day Stone | |
| 2. TELEPHONE NUMBER (609) 665-1515 | 3. DATE (mo., day, & yr.) 11/3/80 |

III. INSPECTION INFORMATION

| | | |
|------------------------------------------------------------------------|--|------------------------------------------------------|
| A. PRINCIPAL INSPECTOR INFORMATION 1. NAME Alton Day Stone | | 2. TITLE Field Technician |
| 3. ORGANIZATION Ecology and Environment, Inc., Pennsauken, NJ 08110 | | 4. TELEPHONE NO. (area code & no.) (609) 665-1515 |

B. INSPECTION PARTICIPANTS

| 1. NAME | 2. ORGANIZATION | 3. TELEPHONE NO. |
|-----------------|-------------------------------|------------------|
| Alton Day Stone | Ecology and Environment, Inc. | (609) 665-1515 |
| Terry Shannon | Ecology and Environment, Inc. | (609) 665-1515 |
| | | |

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

| 1. NAME | 2. TITLE & TELEPHONE NO. | 3. ADDRESS |
|---------|--------------------------|------------|
| None | | |
| | | |
| | | |
| | | |
| | | |
| | | |

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

| 1. NAME | 2. TELEPHONE NO. | 3. ADDRESS | 4. WASTE TYPE GENERATED |
|-------------------------------------|------------------|------------------------------|-------------------------|
| Allegany County Municipal wastes | | | |
| Hercules Corp. | 304-726-4500 | Box 210 Cumberland, Maryland | |
| Celanese Corp. Amcell Plant | 301-729-1000 | Box 444 Cumberland, MD | Asbestos, Resins |
| Kelly Springfield Tire Corp. | 301-777-6000 | Kelly Rd. Cumberland, MD | |
| PPS Industries | 301-722-8500 | Box 1356 Cumberland MD | |

E. TRANSPORTER/HAULER INFORMATION

| 1. NAME | 2. TELEPHONE NO. | 3. ADDRESS | 4. WASTE TYPE TRANSPORTED |
|-----------------------------------------------------------------------------------------------------------|------------------|------------|---------------------------|
| Industrial wastes hauled by private company trucks (Hercules by private/public trash disposal companies). | | | |
| | | | |
| | | | |

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

| 1. NAME | 2. TELEPHONE NO. | 3. ADDRESS |
|---------|------------------|------------|
| | | |
| | | |
| | | |

G. DATE OF INSPECTION (mo., day & yr.)

10/21/80

H. TIME OF INSPECTION

1300

I. ACCESS GAINED BY: (credentials must be shown in all cases)

☒ 1. PERMISSION☐ 2. WARRANT

J. WEATHER (describe)

Sunny, cool - 60°, wind 5-10 mph; clear

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

| 1. SAMPLE TYPE | 2. SAMPLE TAKEN (mark 'X') | 3. SAMPLE SENT TO: | 4. DATE RESULTS AVAILABLE |
|--------------------|----------------------------|-------------------------------------------------------------------|---------------------------|
| a. GROUNDWATER | X | VERSAR, Washington, DC West Coast Tech. Services, Cerritos, CA | 11/29/80 |
| b. SURFACE WATER | X | VERSAR, Washington, DC West Coast Tech. Services, Cerritos, CA | 11/29/80 |
| c. WASTE | | | |
| d. AIR | | | |
| e. RUNOFF | | | |
| f. SPILL | | | |
| g. SOIL | | | |
| h. VEGETATION | | | |
| i. OTHER (specify) | | | |

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

| 1. TYPE | 2. LOCATION OF MEASUREMENTS | 3. RESULTS |
|------------|-----------------------------|------------|
| None taken | | |
| | | |
| | | |
| | | |

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

☒ a. GROUND ☐ b. AERIAL

2. PHOTOS IN CUSTODY OF:

Ecology and Environment, Inc.

D. SITE MAPPED?

☒ YES. SPECIFY LOCATION OF MAPS:

Ecology and Environment, Inc.

ORIGINAL
(Red)

E. COORDINATES Frostburg, MD 7.5 min. USGS Quad.

1. LATITUDE (deg.-min.-sec.)

39° 37' 35"

2. LONGITUDE (deg.-min.-sec.)

78° 55'

V. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)☒ 2. INACTIVE (Those sites which no longer receive wastes.)☐ 3. OTHER (specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☒ 1. NO☐ 2. YES (specify generator's four-digit SIC Code):

C. AREA OF SITE (in acres)

22

D. ARE THERE BUILDINGS ON THE SITE?

☒ 1. NO☐ 2. YES (specify): Home for aged, small business buildings and equipment storage buildings on the immed. perimeter.

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

| <input checked="" type="checkbox"/> A. TRANSPORTER | <input checked="" type="checkbox"/> B. STORER | <input checked="" type="checkbox"/> C. TREATER | <input checked="" type="checkbox"/> D. DISPOSER |
|----------------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------------------------------------------|
| 1. RAIL | 1. PILE | 1. FILTRATION | <input checked="" type="checkbox"/> 1. LANDFILL |
| 2. SHIP | 2. SURFACE IMPOUNDMENT | 2. INCINERATION | 2. LANDFARM |
| 3. BARGE | 3. DRUMS | 3. VOLUME REDUCTION | 3. OPEN DUMP |
| 4. TRUCK | 4. TANK, ABOVE GROUND | 4. RECYCLING/RECOVERY | 4. SURFACE IMPOUNDMENT |
| 5. PIPELINE | 5. TANK, BELOW GROUND | 5. CHEM./PHYS./TREATMENT | 5. MIDNIGHT DUMPING |
| 6. OTHER (specify): | 6. OTHER (specify): | 6. BIOLOGICAL TREATMENT | 6. INCINERATION |
| | | 7. WASTE OIL REPROCESSING | 7. UNDERGROUND INJECTION |
| | | 8. SOLVENT RECOVERY | 8. OTHER (specify): |
| | | 9. OTHER (specify): | |

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

- ☐ 1. STORAGE ☐ 2. INCINERATION ☒ 3. LANDFILL ☐ 4. SURFACE IMPOUNDMENT ☐ 5. DEEP WELL
- ☐ 6. CHEM/BIO/PHYS TREATMENT ☐ 7. LANDFARM ☐ 8. OPEN DUMP ☐ 9. TRANSPORTER ☐ 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. LIQUID ☒ 2. SOLID ☒ 3. SLUDGE ☐ 4. GAS

B. WASTE CHARACTERISTICS

☐ 1. CORROSIVE ☒ 2. IGNITABLE ☐ 3. RADIOACTIVE ☐ 4. HIGHLY VOLATILE

☒ 5. TOXIC ☐ 6. REACTIVE ☐ 7. INERT ☐ 8. FLAMMABLE

☒ 9. OTHER (specify): Municipal waste; garbage, refuse and sewage sludge.

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No accurate record of industrial wastes. Company letters to Allegany County give some indication of amounts and types of waste disposed of in landfill.

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

| a. SLUDGE | | b. OIL | | c. SOLVENTS | | d. CHEMICALS | | e. SOLIDS | | f. OTHER | |
|---------------------------------------------------------|-----------------|-----------------------------------------------------|-----------------|--------------------------------------------------------------|-----------------|-----------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------|-----------------|
| AMOUNT | UNIT OF MEASURE | AMOUNT | UNIT OF MEASURE | AMOUNT | UNIT OF MEASURE | AMOUNT | UNIT OF MEASURE | AMOUNT | UNIT OF MEASURE | AMOUNT | UNIT OF MEASURE |
| UNKNOWN | | | | | | UNKNOWN | | 1400 tons | | UNKNOWN | |
| | | | | | | | | Total deposit | | | |
| <input checked="" type="checkbox"/> (1) PAINT, PIGMENTS | | <input checked="" type="checkbox"/> (1) OILY WASTES | | <input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS | | <input checked="" type="checkbox"/> (1) ACIDS | | <input checked="" type="checkbox"/> (1) FLYASH | | <input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT. | |
| (2) METALS SLUDGES | | (2) OTHER(specify): | | (2) NON-HALOGENATED SOLVENTS | | (2) PICKLING LIQUORS | | X (2) ASBESTOS | | (2) HOSPITAL | |
| (3) POTW | | | | (3) OTHER(specify): | | (3) CAUSTICS | | (3) MILLING/MINE TAILINGS | | (3) RADIOACTIVE | |
| (4) ALUMINUM SLUDGE | | | | | | (4) PESTICIDES | | (4) FERROUS SMELTING WASTES | | (4) MUNICIPAL | |
| (5) OTHER(specify): | | | | | | (5) DYES/INKS | | (5) NON-FERROUS SMELTING WASTES | | (5) OTHER(specify): | |
| | | | | | | (6) CYANIDE | | X (6) OTHER(specify): epoxy-resin fiberglass waste scrap resin, activators and related processing refuse. | | | |
| | | | | | | (7) PHENOLS | | | | | |
| | | | | | | (8) HALOGENS | | | | | |
| | | | | | | (9) PCB | | | | | |
| | | | | | | (10) METALS | | | | | |
| | | | | | | X (11) OTHER(specify): Solvents | | | | | |

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

| 1. SUBSTANCE | 2. FORM (mark 'X') | | | 3. TOXICITY (mark 'X') | | | | 4. CAS NUMBER | 5. AMOUNT | 6. UNIT |
|--------------------|--------------------|---------|----------|------------------------|---------|--------|---------|---------------|-----------|---------|
| | a. SOLID | b. LIQ. | c. VAPOR | a. HIGH | b. MED. | c. LOW | d. NONE | | | |
| Asbestos | X | | | | X | | | | UNKNOWN | |
| Epoxy-resin refuse | X | | | | X | X | | | UNKNOWN | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☒ A. HUMAN HEALTH HAZARDS

Results from the sampling well help indicate whether a human health hazard exists due to contaminated surface or groundwater. Possible methane buildup in buildings directly adjacent to the landfill, see VIII B. below.

1. (b)(7)

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☒ B. NON-WORKER INJURY/EXPOSURE

There are two housing complexes immediately adjacent to the landfill. An explosion hazard exists if there is a methane build-up in the basement, crawl spaces, etc. of these dwellings. Methane build-up is being monitored by the State of Maryland.

ORIGINAL
(Red)☐ C. WORKER INJURY/EXPOSURE

None Known

☒ D. CONTAMINATION OF WATER SUPPLY

The small pond, directly adjacent to the east side of the landfill is used for stock water. This pond receives run-off, leachate and/or shallow groundwater from the site. There are no public wells in the vicinity.

☒ E. CONTAMINATION OF FOOD CHAIN

Small pond immediately adjacent to, and receiving run-off from the site is used for stock watering and probably local small animals. Wild ducks were observed using the pond.

☒ F. CONTAMINATION OF GROUND WATER

Landfill is unlined. Possible groundwater contamination. Monitoring wells intersect groundwater. Results of the sampling will indicate whether the landfill is contributing to groundwater contamination.

☒ G. CONTAMINATION OF SURFACE WATER

The small pond to the east receives run-off and/or leachate and possibly some groundwater. The pond was sampled and results will help indicate if the pond, and animals which use it for water are subject to contamination. Drainage from the Hoffman Drainage Tunnel empties into Braddock Run to the east. Groundwater from the Hoffman Landfill may be draining into the drainage tunnel.

JAN 1989
(10/1)

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

No acute damage observed.

ORIGINAL
(Red)

☐ I. FISH KILL

None observed.

☐ J. CONTAMINATION OF AIR

None observed.

☐ K. NOTICEABLE ODORS

None noticed.

☒ L. CONTAMINATION OF SOIL

Some possible from buried wastes.

☐ M. PROPERTY DAMAGE

None.

1A113186
(b)(3)

Continued From Page 6

VIII. HAZARD DESCRIPTION (continued)

☒ N. FIRE OR EXPLOSION

Some explosion potential from Methane build-up. Has been monitored by the State.

ORIGINAL
(Red)

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

Leachate seep noted on previous inspection, not observed during this inspection.

☐ P. SEWER, STORM DRAIN PROBLEMS

Not applicable

☒ Q. EROSION PROBLEMS

Yes, one severe erosion gulley. Smaller erosion gullies on the east bank.

☐ R. INADEQUATE SECURITY

No security.

☐ S. INCOMPATIBLE WASTES

Possible. Indiscriminate dumping of wastes.

JANUARY
(1988)

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

No indication were observed.

ORIGINAL
(Red)☒ U. OTHER (specify):

Allegany County operated three landfills in the immediate are; Hoffman, Cabin Run and Vale Summit. There is no record as to which of these landfills were the final disposal points for industrial or potentially hazardous wastes.

Amcelle, PPG, Hercules and Kelley Springfield filed letters with the Allegany County Engineering Department noting that each had reviewed a state list of designated hazardous substances and that each was not depositing any materials on the list in the landfills, except as noted.

IX. POPULATION DIRECTLY AFFECTED BY SITE

| A. LOCATION OF POPULATION | B. APPROX. NO. OF PEOPLE AFFECTED | C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA | D. APPROX. NO. OF BUILDINGS AFFECTED | E. DISTANCE TO SITE (specify units) |
|--------------------------------------------|-------------------------------------|----------------------------------------------------|--------------------------------------|-------------------------------------|
| 1. IN RESIDENTIAL AREAS | estimated 100 | 0 | 2 rest-retire-ment home complexes | <.25 mi. |
| 2. IN COMMERCIAL OR INDUSTRIAL AREAS | | 0 | | |
| 3. IN PUBLICLY TRAVELLED AREAS | located <.25 mi. from major highway | | | |
| 4. PUBLIC USE AREAS (parks, schools, etc.) | | 0 | | |

X. WATER AND HYDROLOGICAL DATA

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| A. DEPTH TO GROUNDWATER (specify unit) 15 feet | B. DIRECTION OF FLOW East, possibly northwest | C. GROUNDWATER USE IN VICINITY light, domestic and stock |
| D. POTENTIAL YIELD OF AQUIFER UNKNOWN | E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure) UNKNOWN. Municipal water. | F. DIRECTION TO DRINKING WATER SUPPLY UNKNOWN |
| G. TYPE OF DRINKING WATER SUPPLY | | |
| <input type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS* <input checked="" type="checkbox"/> 2. COMMUNITY (specify town): Frostburg Municipal Water. | | |
| <input type="checkbox"/> 3. SURFACE WATER <input type="checkbox"/> 4. WELL | | |

10/1/90
(43)

ORIGINAL
(Red)

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

| 1. WELL | 2. DEPTH (specify unit) | 3. LOCATION (proximity to population/buildings) | 4. NON-COM- MUNITY (mark 'X') | 5. COMMUN- ITY (mark 'X') |
|---------|----------------------------|----------------------------------------------------|-------------------------------------|---------------------------------|
| None | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

I. RECEIVING WATER

1. NAME

Braddock Run
Georges Creek☐ 2. SEWERS☒ 3. STREAMS/RIVERS☐ 4. LAKES/RESERVOIRS☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Braddock Run is a small class one mountain stream of unspecified use, above the Hoffman Drainage Tunnel. Georges Creek is a class 3 stream of unspecified use, flowing through semi-urban and residential population areas.

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE☐ B. KARST ZONE☐ C. 100-YEAR FLOOD PLAIN☐ D. WETLAND☐ E. A REGULATED FLOODWAY☐ F. CRITICAL HABITAT☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

| 'X' | A. COVERED BURDEN | 'X' | B. BEDROCK (specify below) | 'X' | C. OTHER (specify below) |
|-----|-------------------|-----|----------------------------|-----|--------------------------|
| X | 1. SAND 20% | | Shale | | |
| | 2. CLAY 20% | | | | |
| X | 3. GRAVEL 60% | | | | |

XIII. SOIL PERMEABILITY

☒ A. UNKNOWN☐ B. VERY HIGH (100,000 to 1000 cm/sec.)☐ C. HIGH (1000 to 10 cm/sec.)☐ D. MODERATE (10 to .1 cm/sec.)☐ E. LOW (.1 to .001 cm/sec.)☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES☐ 2. NO

3. COMMENTS: Unknown

H. DISCHARGE AREA

☐ 1. YES☐ 2. NO

3. COMMENTS: Unknown

I. SLOPE

1. ESTIMATE % OF SLOPE

10-15%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

West to east, varied and hilley

J. OTHER GEOLOGICAL DATA

Landfill/strip mine is located on a hill side. The area is underlain by a varied sedimentary stratigraphy with coal seams (Mongahela formation) as well as numerous subsurface shaft mines. These mines and possibly the overlying sediments and bedrock are drained by the Hoffman Drainage Tunnel.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

| A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.) | B. ISSUING AGENCY | C. PERMIT NUMBER | D. DATE ISSUED (mo., day, & yr.) | E. EXPIRATION DATE (mo., day, & yr.) | F. IN COMPLIANCE (mark 'X') | | |
|----------------------------------------------------|----------------------|---------------------|----------------------------------------|--------------------------------------------|--------------------------------|----------|-----------------|
| | | | | | 1. YES | 2. NO | 3. UN- KNOWN |
| Site Closed | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

ORIGINAL
(Red)**XV. PAST REGULATORY OR ENFORCEMENT ACTIONS**
☒ NONE ☐ YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

LANCING
(201)

| Hoffman Landfill LANDFILLS SITE INSPECTION REPORT (Supplemental Report) | INSTRUCTION Answer and Explain as Necessary. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <u>One major gully, some will erosion on East Bank.</u> | ORIGINAL (Red) |
| 2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>No records.</u> | |
| 4. WASTES SURROUNDED BY SORBENT MATERIAL <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>No lining to landfill.</u> | |
| 5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 6. EVIDENCE OF PONDING OF WATER ON SITE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>Pond located 50' offsite.</u> | |
| 7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 8. ADEQUATE LEACHATE COLLECTION SYSTEM (If "Yes", specify Type) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>No leachate collection systems.</u> | |
| 8a. SURFACE LEACHATE SPRING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <u>Noted in previous inspections. Not flowing (drough period) during this inspection.</u> | |
| 9. RECORDS OF LEACHATE ANALYSIS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 10. GAS MONITORING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <u>Monitored for methane build-up.</u> | |
| 11. GROUNDWATER MONITORING WELLS <u>10 wells, located along site periphery and down dip from site (off-site).</u> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 12. ARTIFICIAL MEMBRANE LINER INSTALLED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 13. SPECIFIC CONTAINMENT MEASURES (Clay Bottom, Sides, etc) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 14. FIXATION (Stabilization) OF WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 16. COVER (Type) <u>Strip mine overburden and spoil. Mostly shale and shale-clay-sand fill, used for cover. Moderately well vegetated and used for pasture.</u> | |
| 16a. THICKNESS <u>UNKNOWN, but probably only a few feet. A five foot deep erosion gully exposed refuse.</u> | |
| 16b. PERMEABILITY <u>UNKNOWN, but probably high. During the summer all methane gas escapes through the soil, a build-up is only noted in the winter when the soil cover is frozen.</u> | |
| 16c. DAILY APPLICATION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>Closed.</u> | |

ANTONIO
(b3)

ORIGINAL
(Red)

SECTION 2

Hoffman Landfill
TDD No. F3-8009-06
EPA No. MD-4

ORIGINAL
(Red)

FIELD TRIP REPORT

Date: October 21, 1980

Weather: partly cloudy, 55°, wind 0-5 mph.

INTRODUCTION:

FIT III conducted an On-Site Survey/ Sampling of the Hoffman Landfill, Frostburg, Maryland. The FIT III Team consisted of Messrs. A. D. Stone and T. Shannon. Three groundwater and one surface water sample were obtained and sent for analysis for organic and inorganic pollutants. On the previous day (October 20, 1980) Mr. Sam Belucci, Solid Waste Division of the Maryland Department of Health and Mental Hygiene showed FIT personnel the entrance to the site and the location of the monitoring wells. No sampling or inspection was performed on this date.

CONTACTS:

None.

OBSERVATIONS:

The following observations were made during the On-Site Inspection:

- No leachate seeps were observed. Leachate seeps had been observed by state and EPA personnel during previous inspections by others.
- One serious erosion gully exposing refuse (photo #4) and several minor erosion rills (photo #5) were observed on the east side and bank of the landfill.
- The site is well vegetated and used for pasture.
- No odors or other offensive aspects were noted.
- The site was aesthetically pleasing and the mine/landfill surface appeared generally well stabilized and returned to a reasonable ecological and economically useful state. (Photos #S-5, #S-6)

ACTION ITEMS:

- The State of Maryland continue to monitor this site including organics and priority pollutants.
- The State of Maryland continue to monitor methane levels in the landfill, with respect to the adjacent dwellings.
- Apparent need for the surface erosion and leachate seep to be controlled.
- Further action pending the results of the sampling.

ENDING
(10)

ORIGINAL
(Red)

SECTION 3

1411750
(107)

Hoffman Landfill
TDD No. F3-8009-06
EPA No. MD-4

ORIGINAL
(Red)

SAMPLE LOG

| <u>Sample Number</u> | <u>Description</u> | <u>Time</u> | <u>Date</u> |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 1 | Monitoring well #3; 58 foot depth. MC-8082 (Inorganics) C-0298 (Organics). Sample had septic smell. Cloudy and turbid with suspended matter. | 1550 | 10/21/80 |
| 2 | Monitoring well #10; 79 foot depth. MC-8083 (Inorganics) C-0299 (Organic). Sample relatively clear, less septic smell. Well supposed to be 65 foot depth. | 1645 | 10/21/80 |
| 3 | East cow pond. MC-8078 (Inorganics) C-0296 (Organics) Small pond 50 feet east of landfill. Grass perimeter, emergent cattails, used by ducks and stock. No particular odor, water clear, mud bottom. | 1710 | 10/21/80 |
| 4 | Hoffman Drainage Tunnel. MC-8076 (Inorganics) C-0294 (Organic). The Hoffman Drainage Tunnel is a two mile long shaft draining the subsurface mines under the Hoffman Cabin Run and Vale Summit Landfills. Outfall is located on Route 55, 100 feet south of Route 48 overpass. Water cloudy, stream bed sterile and devoid of vegetation bright red-orange stain to rocks. | 1800 | 10/21/80 |

LABORATORIES

Inorganics: VERSAR, Inc.
6621 Electronic Drive
Springfield, VA 22151
Bob Maxfield

Organics: West Coast Technical Service
17605 Fabrica Way
Cerritos, CA 90701
Linda Barnes.

JANUARY
1991

ORIGINAL
(Red)

SECTION 4

ENCLOSURE
(2-5)

Hoffman Landfill
TDD No. F3-8009-06
EPA No. MD-4

ORIGINAL
(Red)

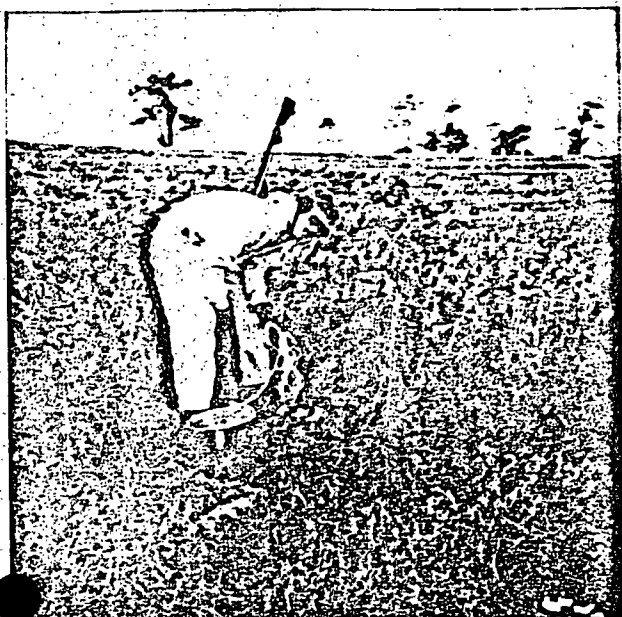
PHOTO LOG

| | |
|----------|--------------------------------------------------------|
| Photo #1 | Sample #1, monitoring well #3; 58 foot depth. |
| Photo #2 | Sample #2, monitoring well #10; 79 foot depth. |
| Photo #3 | Sample #3, East low pond. |
| Photo #4 | Erosion gully on east slope. |
| Photo #5 | East slope, rill and sheet erosion. |
| Photo #6 | Sample #4, Hoffman Drainage Tunnel, Sampling effluent. |
| Photo #7 | Effluent from the Hoffman Drainage Tunnel. |
| Photo #8 | Hoffman Drainage Runnel - outfall and effluent. |

SUPPLEMENTAL PHOTO LOG

| | |
|------------|-----------------------------------------------------------|
| Photo #S-1 | Outfall of the Hoffman Drainage Tunnel. |
| Photo #S-2 | Braddock Creek below the Hoffman Drainage Tunnel outflow. |
| Photo #S-3 | Close up of Braddock Creek below HDT outfall. |
| Photo #S-4 | Braddock Creek below HDT outfall. |
| Photo #S-5 | Hoffman Landfill, viewed north to south. |
| Photo #S-6 | Hoffman Landfill, viewed north to south. |

grain
(100)

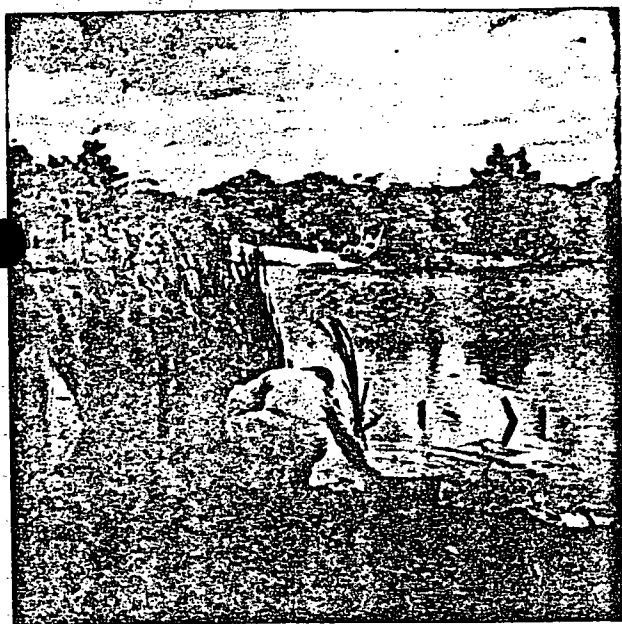


#1 8004-06 10/21/80
HOFFMAN LANDFILL
Sample #1 m.w. #3, 50' depth

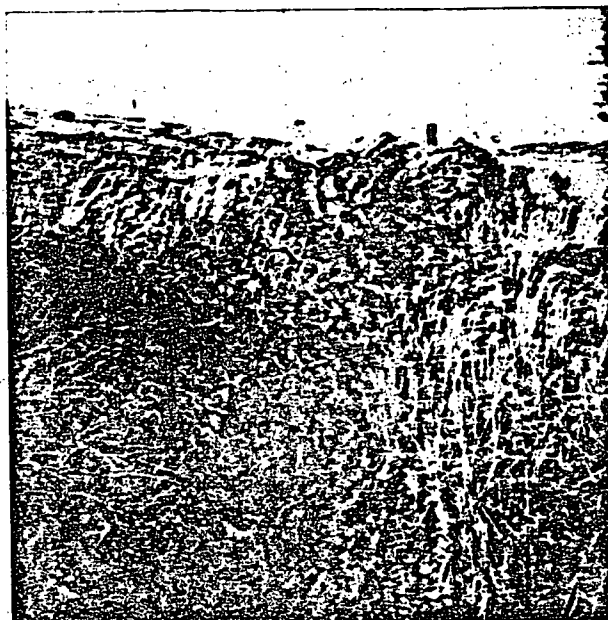


ORIGINAL
(Red)

#2 8004-06 10/21/80
HOFFMAN LANDFILL
m.w. #10 Sample #2
75' depth



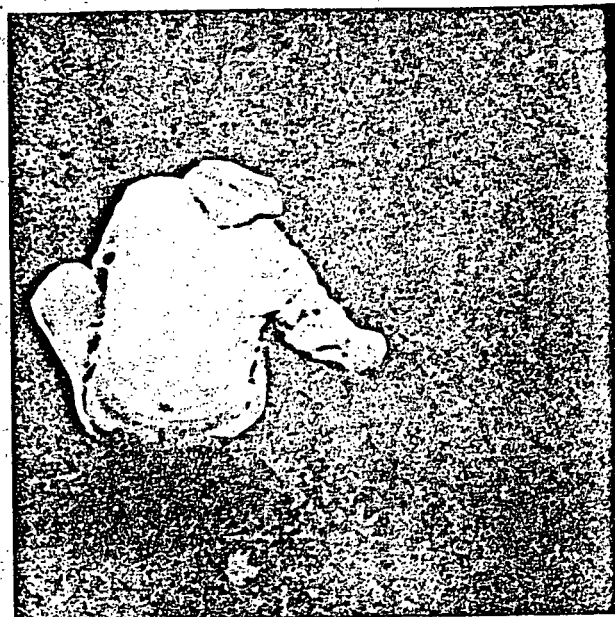
#3 8004-06 10/21/80
HOFFMAN LANDFILL
East Low Pond
Sample #3



#4 8004-06 10/21/80
HOFFMAN LANDFILL
East Low Pond on
east slope

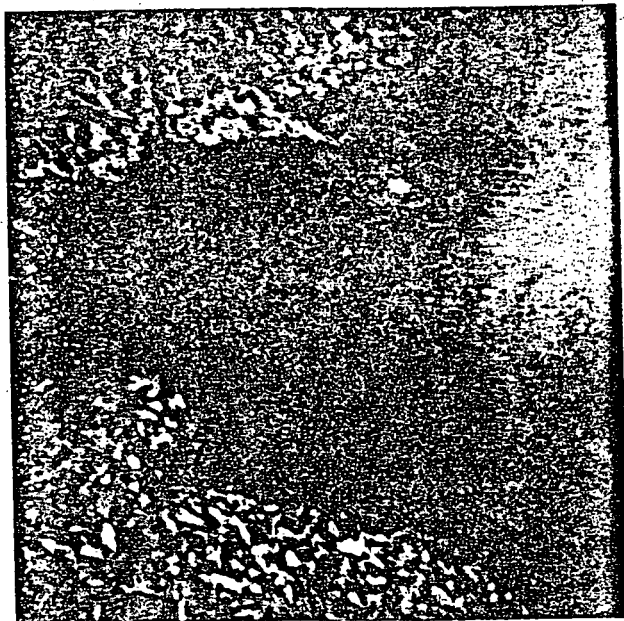


#5 HOFFMAN LANDFILL 8004-06 10/21/80
East slope, rill and
sheet erosion

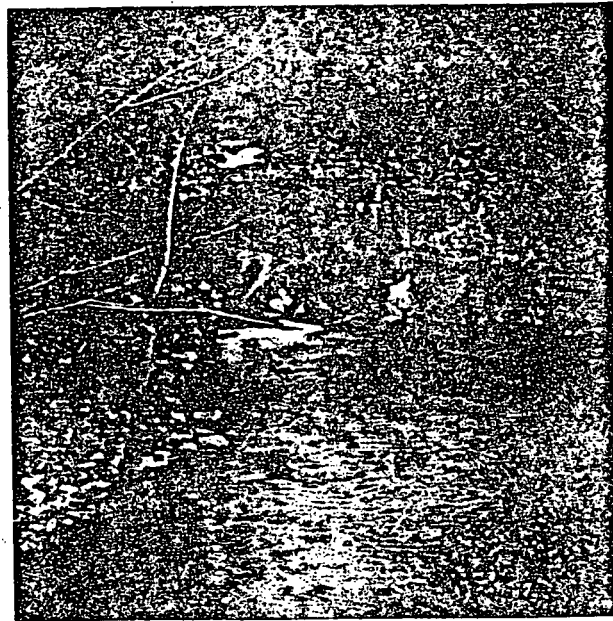


ORIGINAL
(Red)

#6 HOFFMAN LANDFILL 8004-06 10/21/80
Sample #2
HOFFMAN DRAINAGE TUNNEL -
Sampling effluent



#7 HOFFMAN LANDFILL 8004-06 10/21/80
HOFFMAN DRAINAGE TUNNEL -
EFFLUENT FROM



#8 HOFFMAN LANDFILL 8004-06 10/21/80
HOFFMAN DRAINAGE TUNNEL -
OUTFALL AND EFFLUENT

ORIGINAL
(Red)

Hoffman Landfill
SC09-00

#S-1

cutfall of the
Hoffman Driveway Tunnel

10/21/80

W. A. Shue

Hoffman Landfill
SC09-00

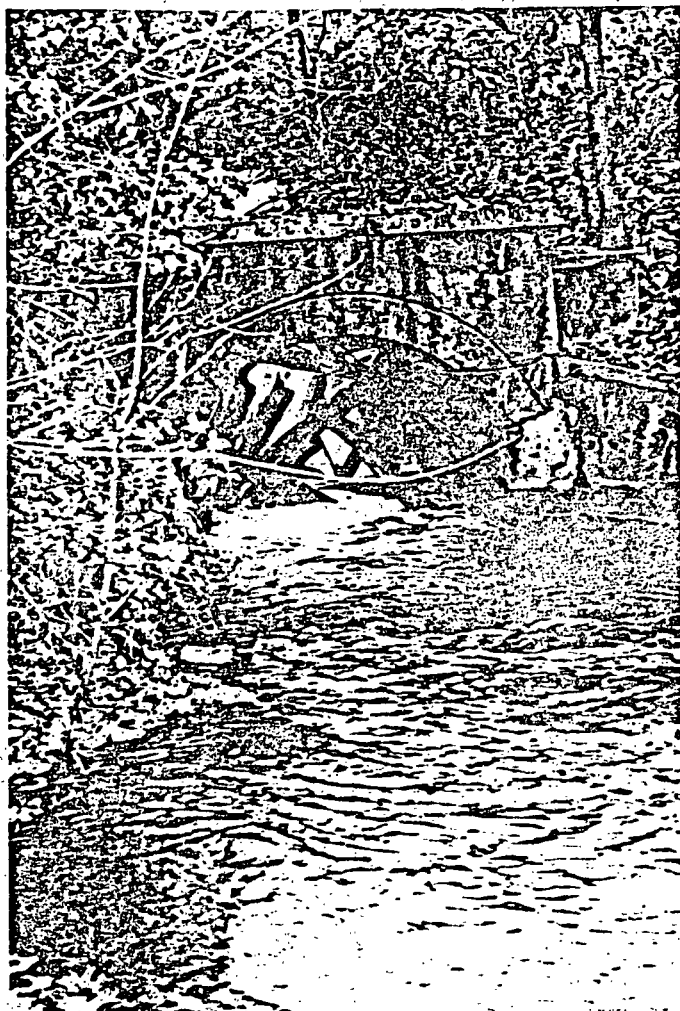
#S-2

10/21/80

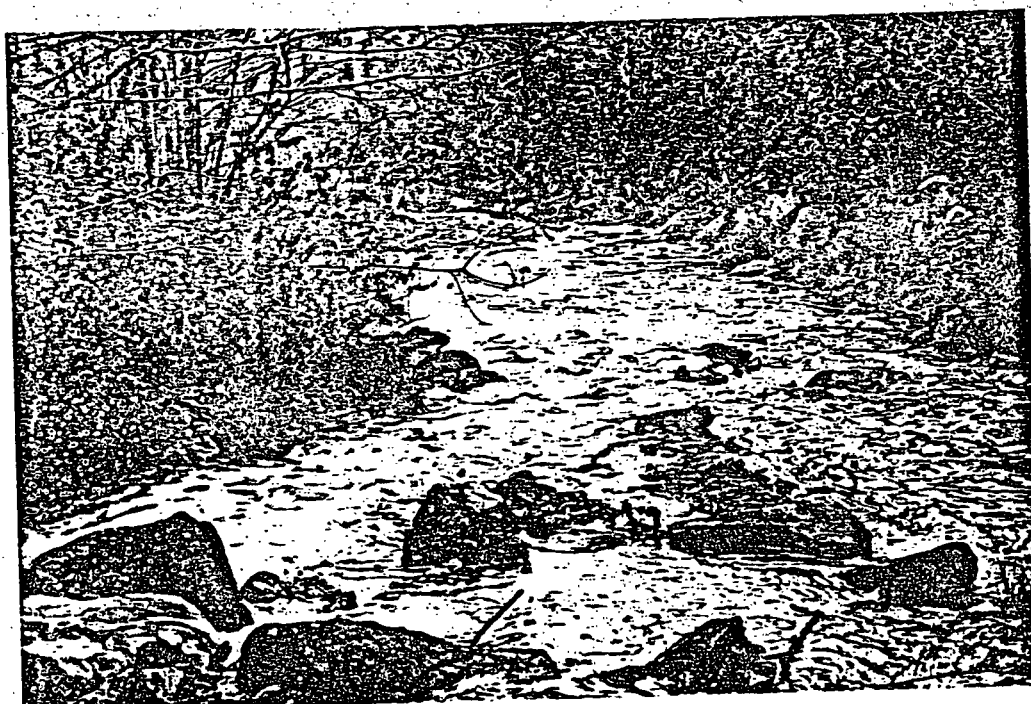
Breakdown of the
Hoffman Driveway Tunnel section

W. A. Shue

ORIGINAL
(Red)



S-1



S-2

ORIGINAL
(Red)

HOFFMAN LANDFILE

8007-06

10/21/80

Buddock Creek below
HFT at full

Att. 9 Same

HOFFMAN LANDFILE

8009-06

10/21/80

Clas up of Buddock Creek
below HFT at full

Att. 9 Same

HOFFMAN LANDFILE

8007-06

10/21/80

#S-6

Hoffman Land Fill
uncovered south to south.

#S-5

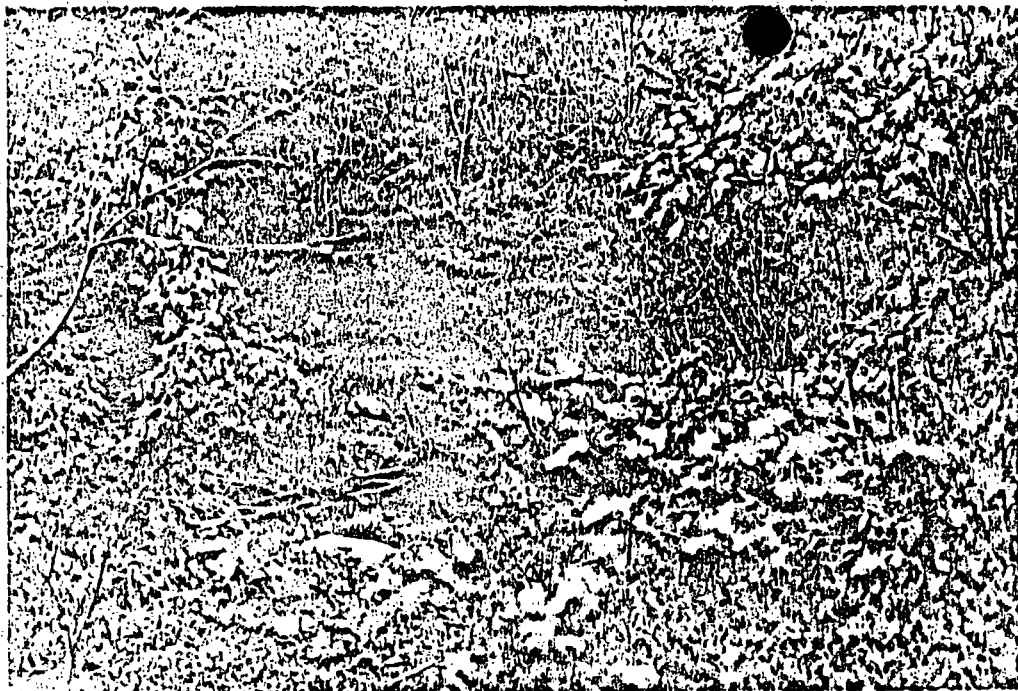
HOFFMAN LANDFILE

8007-06

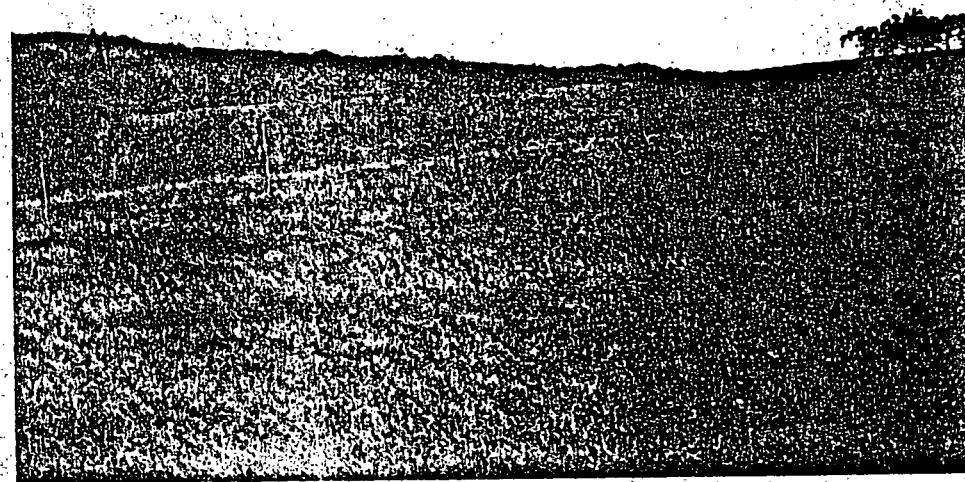
10/21/80

Hoffman Land Fill uncovered
south to south.

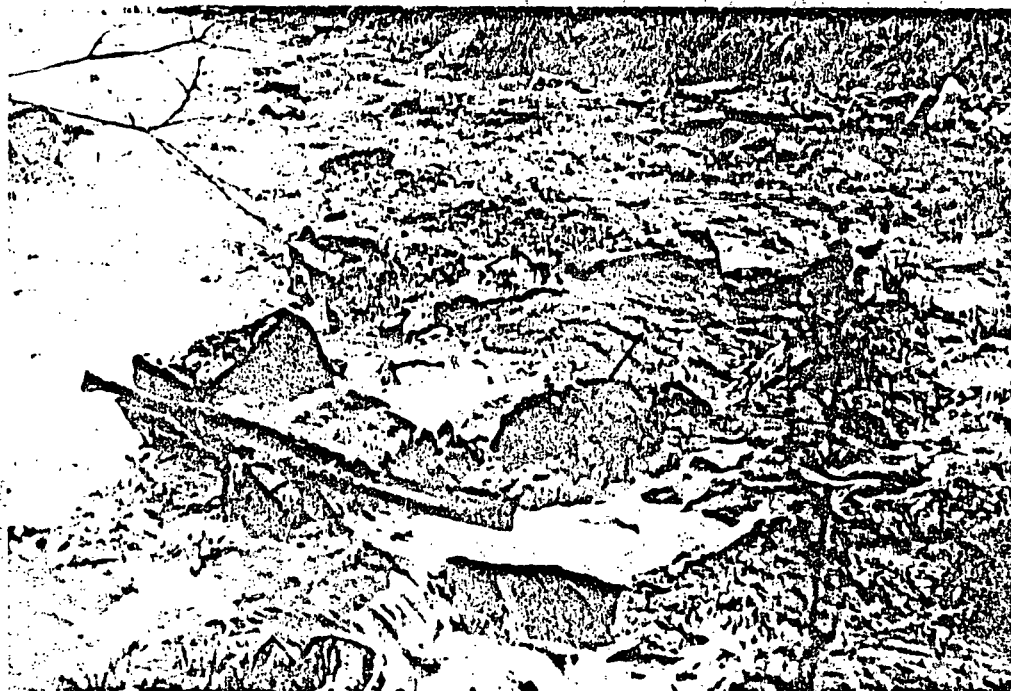
Att. 4 Same



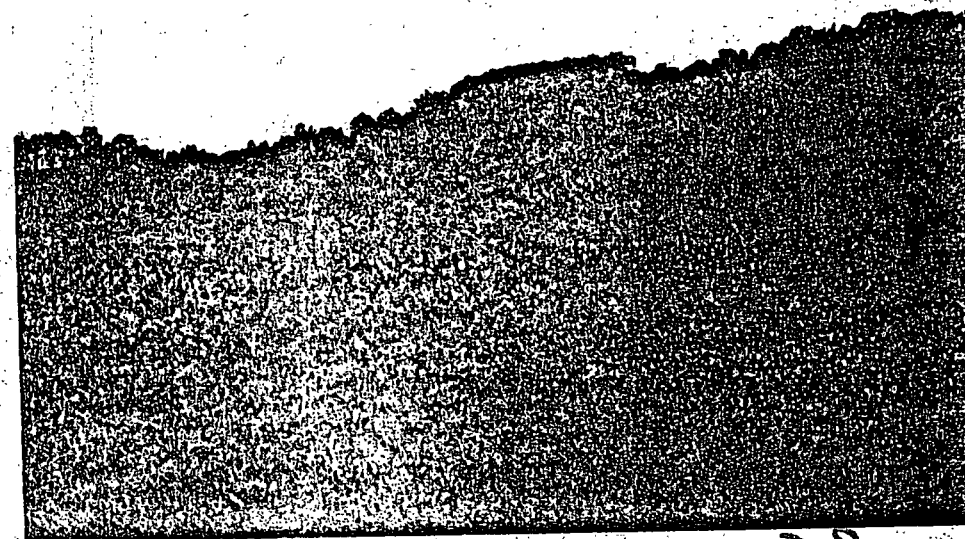
S-4



S-6



S-3

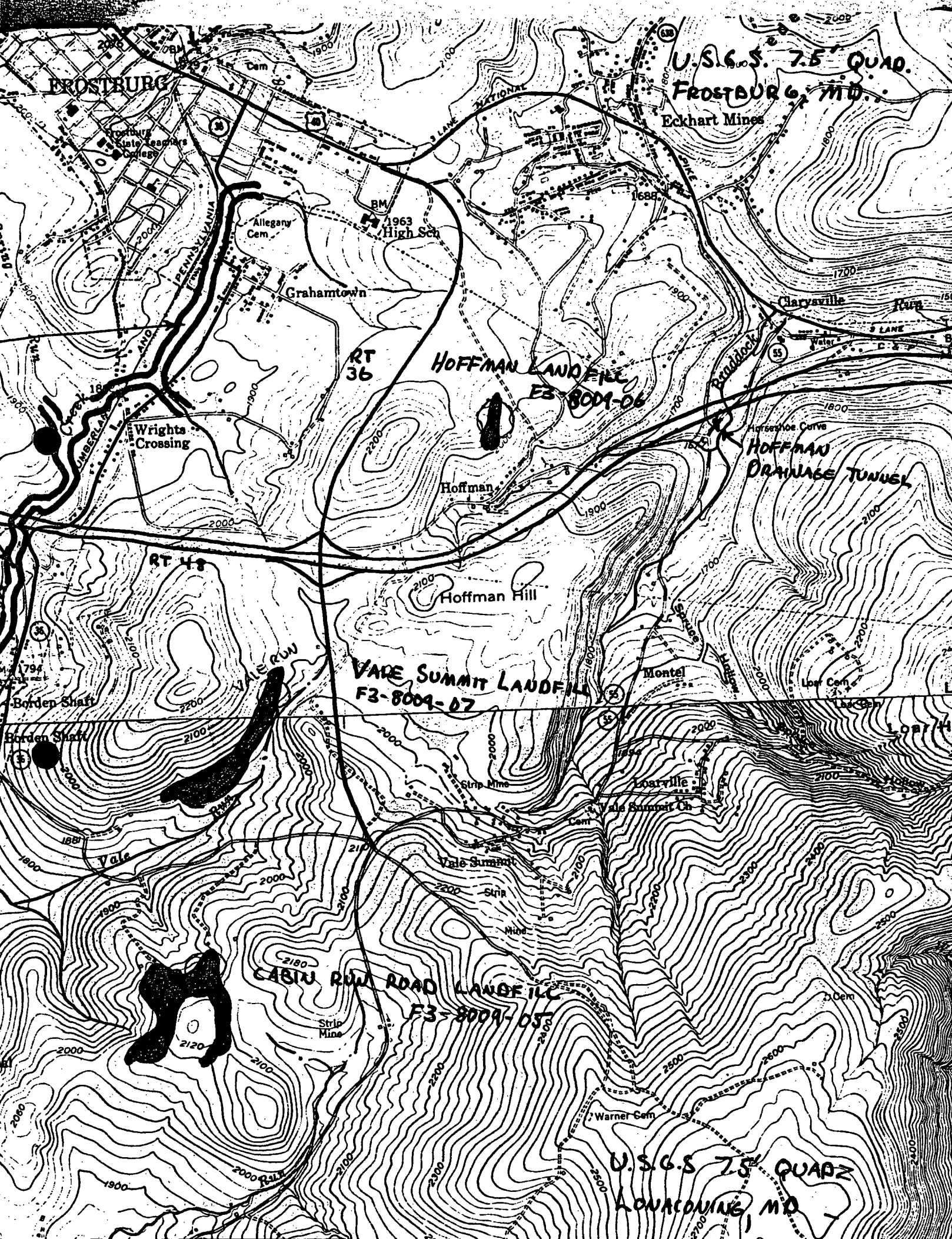


S-5

ORIGINAL
(Red)

ORIGINAL
(Red)

SECTION 5



FROSTBURG

U.S.G.S. 7.5' QUAD.
FROSTBURG 6, MD.

Eckhart Mines

Allegany
Cem.

BM
1963
High Sch

Grahamtown

RT
36

HOFFMAN LANDFILL
F3-8004-06

Wrights
Crossing

RT 48

Hoffman

Hoffman Hill

VALE SUMMIT LANDFILL
F3-8004-07

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

Borden Shaft

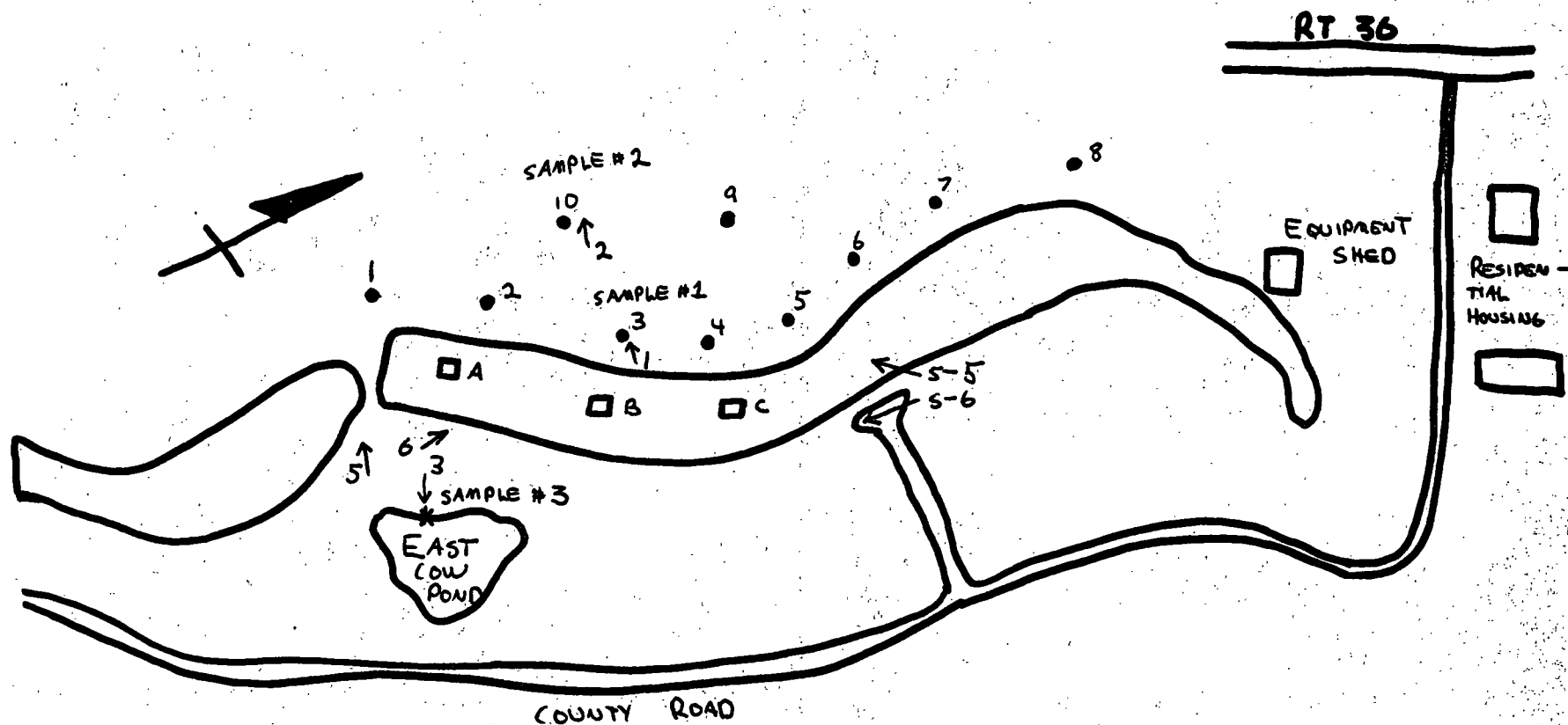
Borden Shaft

Borden Shaft

Borden Shaft

CABIN RUN ROAD LANDFILL
F3-8004-05

U.S.G.S. 7.5' QUAD
ANACOSTINE, MD.



HOFFMAN LANDFILL TDO# F3-8009-06
MD-4

- MONITORING WELLS
- METHANE WELLS
- * SAMPLE LOCATIONS
- PHOTOS

ORIGINAL
(Red)

ORIGINAL
(Red)

SECTION 6

2000-2001
(2001)

ORIGINAL
(Red)



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22313-703/557-2490 FTS/557-2490

INORGANICS TRAFFIC REPORT

Sample Number

MC 8083

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Case Number: <u>282</u> Sample Site Name/Code: <u>INTERMEDIATE LANDFILL</u> <u>TON# F2-8009-06</u> <u>MD-4</u></p> | <p>② Sample Type: (Check One) <input type="checkbox"/> Run Off <input checked="" type="checkbox"/> Well Water <input type="checkbox"/> Receiving Water <input type="checkbox"/> Leachate <input type="checkbox"/> Effluent <input type="checkbox"/> Other _____ (specify)</p> | <p>③ Ship To: <u>VERSAIR, INC.</u> <u>6621 Electronics Drive</u> <u>Springfield, Va. 22151</u> <u>Attn: Bob Maxfield</u></p> |
| <p>④ Regional Office: <u>FIT-3</u> Sampling Personnel: (Name) <u>ALVIN DAY STONE</u> (Phone) <u>709-665-7515</u> Sampling Date: (Begin) <u>1-12-80</u> (End) <u>1-12-80</u></p> | <p>⑤ Shipping Information: Name Of Shipper: <u>ECOLOGY AND ENVIRONMENT</u> Date Shipped: <u>1-12-80</u> Airbill Number: <u>71375623</u></p> | |
| <p>⑥ Description of Sample Location <u>WELL # 10 ; 79 FOOT DEPTH</u> MATCHES ORGANICS SAMPLE NO <u>C-0299</u></p> | <p>⑦ Mark Volume Level On Sample Bottle Date Sampled: <u>1-12-80</u> Task 1 & 2 _____ Task 3 Ammonia & TOC _____ Fluoride & pH _____ Sulfide _____ Cyanide _____</p> | |

REGIONAL OFFICE FILE COPY

12/11/10
(10)

ORIGINAL
(Red)



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22313 703/557-2490 FTS/557-2490

INORGANICS TRAFFIC REPORT

Sample Number

MC 8082

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Case Number: <u>282</u> Sample Site Name/Code: <u>HEFMAN WASTE TREATMENT</u> <u>IND# F3-8009-06</u> <u>MO-4</u></p> | <p>② Sample Type: (Check One) <input checked="" type="checkbox"/> Run Off <input checked="" type="checkbox"/> Well Water <input type="checkbox"/> Receiving Water <input type="checkbox"/> Leachate <input type="checkbox"/> Effluent <input type="checkbox"/> Other _____ (specify)</p> | <p>③ Ship To: <u>VER SAR INC</u> <u>6621 Electronics Drive</u> <u>Springfield Va 22151</u> <u>Attn: Bob Maxfield</u></p> |
| <p>④ Regional Office: <u>FIT-3</u> Sampling Personnel (Name) <u>ALTON DAY STONE</u> (Phone) <u>804-665-1515</u> Sampling Date (Begin) <u>10/21/80</u> (End) <u>10/21/80</u></p> | <p>⑤ Shipping Information Name Of Shipper: <u>ECOLGY & ENVIRONMENTAL TAC</u> Date Shipped: <u>10/22/80</u> Airbill Number: <u>71378623</u></p> | |
| <p>⑥ Description of Sample Location <u>WELL # 3 ; 58 Foot Depth</u> <u>3</u> MATCHES ORGANICS SAMPLE NO <u>C-0298</u></p> | <p>⑦ Mark Volume Level On Sample Bottle Date Sampled Task 1 & 2 <u>10/21/80</u> Task 3 Ammonia & TOC _____ Fluoride & pH _____ Sulfide _____ Cyanide _____</p> | |

REGIONAL OFFICE FILE COPY

6-1-93

ORIGINAL
(Red)



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22313-703 / 557-2490; FTS / 557-2490

Sample Number
MC 8078

INORGANICS TRAFFIC REPORT

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Case Number: <u>282</u> Sample Site Name/Code: <u>HIFFMAN LANDFILL</u> <u>MD-F3-8009-06</u> <u>MD-4</u></p> | <p>② Sample Type: (Check One) <input type="checkbox"/> Run Off <input type="checkbox"/> Well Water <input checked="" type="checkbox"/> Receiving Water <input type="checkbox"/> Leachate <input type="checkbox"/> Effluent <input type="checkbox"/> Other _____ (specify) _____</p> | <p>③ Ship To: <u>VERSAR, INC</u> <u>6621 Electronics Drive</u> <u>Springfield, Va</u> <u>22151</u> Attn: <u>Bob Maxfield</u></p> |
| <p>④ Regional Office: <u>FIT-30</u> Sampling Personnel: (Name) <u>ALVIN DAY STONE</u> (Phone) <u>609-665-1515</u> Sampling Date: (Begin) <u>10/21/80</u> (End) <u>10/21/80</u></p> | <p>⑤ Shipping Information: Name Of Shipper: <u>Ecology & Environment, Inc.</u> Date Shipped: <u>10/21/80</u> Airbill Number: <u>71378633</u></p> | |
| <p>⑥ Description of Sample Location: <u>East Pond</u> <u>East Cow</u> MATCHES ORGANICS SAMPLE NO. <u>0296</u></p> | <p>⑦ Mark Volume Level On Sample Bottle Date Sampled: _____ Task 1 & 2: <u>10/21/80</u> Task 3: Ammonia & TOC _____ Fluoride & pH _____ Sulfide _____ Cyanide _____</p> | |

REGIONAL OFFICE FILE COPY

1A-10150
(10A)

ORIGINAL
(Red)

U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818 Alexandria, VA 22313-703/557-2490 FTS/557-2490

INORGANICS TRAFFIC REPORT

Sample Number
MC 8076

① Case Number: 282
Sample Site Name/Code:
HOFFMAN DRAINAGE TUNNEL
F3-8009-06
MO-4

② Sample Type: (Check One)
☐ Run Off
☐ Well Water
☐ Receiving Water
☐ Leachate
☐ Effluent
☒ Other: mine shaft
Drainage
(specify) ☒

③ Ship To: VERSAR, Inc.
6621 Elmwood Dr.
Springfield Va. 22151
Attn: Bob Maxfield

④ Regional Office: FIT-3
Sampling Personnel:
(Name) ALTON STONE
(Phone) 809-665-4515
Sampling Date:
(Begin) 10-21-80 (End) 10-21-80

⑤ Shipping Information:
Name Of Shipper:
Ecology & Environment, Inc.
Date Shipped: 10-22-80
Airbill Number: 71378623

⑥ Description of Sample Location:
HOFFMAN DRAINAGE
TUNNEL
Matches organic # C-0299
SAMPLE BLANK
ATTACHED C-0316
MATCHES ORGANICS SAMPLE NO.

⑦ Mark Volume Level On Sample Bottle
Date Sampled: 10-21-80
Task 1 & 2: Ammonia & TOC
Task 3: Fluoride & pH
Sulfide
Cyanide

REGIONAL OFFICE FILE COPY

3/11/77
(144)



ORGANICS TRAFFIC REPORT

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Case Number: <u>282</u></p> <p>Sample Site Name/Code: <u>HOFFMAN LAUDFILL</u> <u>F3-18009-06</u> <u>MO-4</u></p> | <p>② Sample Type: (Check One)</p> <p><input type="checkbox"/> Run Off</p> <p><input type="checkbox"/> Well</p> <p><input type="checkbox"/> Receiving Water</p> <p><input type="checkbox"/> Leachate</p> <p><input type="checkbox"/> Effluent</p> <p><input checked="" type="checkbox"/> Other (specify) <u>mine shaft Drainage</u></p> | <p>③ Ship To:</p> <p><u>West Coast Technical</u> <u>Service</u> <u>17605 FABRICA Way</u> <u>Cerritos, Ca</u> <u>90701</u></p> <p>Attn: <u>Linda Barnes</u></p> |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| <p>④ Regional Office: <u>FIT 3</u></p> <p>Sampling Personnel:</p> <p><u>ALTON DAY STONE</u> (Name) <u>604-865-1515</u> (Phone)</p> <p>Sampling Date: <u>10-21-80</u> <u>10-21-80</u> (Begin) (End)</p> | <p>⑤ Mark Volume Level on Sample Bottle</p> <table border="1"><thead><tr><th></th><th>Date Sampled</th></tr></thead><tbody><tr><td>Extractable</td><td><u>10-21-80</u></td></tr><tr><td>Extractable</td><td><u>10-21-80</u></td></tr><tr><td>Extractable</td><td><u>10-21-80</u></td></tr><tr><td>Extractable</td><td><u>10-21-80</u></td></tr><tr><td>VOA Unpreserved</td><td><u>10-21-80</u></td></tr><tr><td>VOA Unpreserved (Duplicate)</td><td><u>10-21-80</u></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table> | | Date Sampled | Extractable | <u>10-21-80</u> | Extractable | <u>10-21-80</u> | Extractable | <u>10-21-80</u> | Extractable | <u>10-21-80</u> | VOA Unpreserved | <u>10-21-80</u> | VOA Unpreserved (Duplicate) | <u>10-21-80</u> | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|--|--|--|--|--|--|--|
| | Date Sampled | | | | | | | | | | | | | | | | | | | | | |
| Extractable | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| Extractable | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| Extractable | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| Extractable | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| VOA Unpreserved | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| VOA Unpreserved (Duplicate) | <u>10-21-80</u> | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| <p>⑥ Shipping Information</p> <p><u>Erdosy Environment Inc.</u> (Name of Shipper)</p> <p><u>10-22-80</u> (Date Shipped)</p> <p><u>71378605</u> (Airbill Number)</p> | | | | | | | | | | | | | | | | | | | | | | |

⑦ Description of Sample Location:

HOFFMAN DRAINAGE TUNNEL

MATCHES INORGANIC # MC-8076

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

REGIONAL OFFICE FILE COPY

JANUARY
(b2)



ORGANICS TRAFFIC REPORT

① Case Number 282

Sample Site Name/Code:

HOFFMAN LANDFILL

TOD # F3-8009-06

MD-4

② Sample Type: (Check One)

☐ Run Off

☐ Well

☒ Receiving Water

☐ Leachate

☐ Effluent

☐ Other (specify) _____

ORIGINAL
(Red)

③ Ship To:

West Coast Technical
Service

17605 FABRICA Way

Cerritos, Ca.

90701

Attn:

Linda Barnes

④ Regional Office FIT-3

Sampling Personnel:

ELTON DAY STONE

(Name)

609-665-1515

(Phone)

Sampling Date:

(Begin)

(End)

⑤ Mark Volume Level on Sample Bottle

Date
Sampled

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

VOA Unpreserved

10/21/80

VOA Unpreserved
(Duplicate)

10/21/80

⑥ Shipping Information

ECOLGY + ENVIRONMENT
INC.

Name of Shipper:

Date Shipped:

Airbill Number:

⑦ Description of Sample Location:

POND
East 10W

Matches INORGANIC # MC-8078

⑧ Special Handling Instructions:

(e.g., safety precautions, hazardous nature)

JANUARY
(1981)



ORGANICS TRAFFIC REPORT

① Case Number:

282

Sample Site Name / Code:

HEFFMAN LANDELL

TDD# F3-8009-06

MD-4

② Sample Type (Check One)

Run Off

☒ Well

Receiving Water

Leachate

Effluent

Other (specify)

ORIGINAL
(Red)

③ Ship To

WEST COAST TECHNICAL
SERVICE

17605 FABRICA WAY

CERRITOS CA

90701

Attn:

LINDA BARNES

④ Regional Office: FIT 3

Sampling Personnel:

ALTON DAY STONE

(Name)

609-665-1515

(Phone)

Sampling Date

10/21/80 10/21/80

(Begin)

(End)

⑤ Mark Volume Level on Sample Bottle

Date
Sampled

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

VOA Unpreserved

10/21/80

VOA Unpreserved
(Duplicate)

10/21/80

⑥ Shipping Information

ECOLOGY + ENVIRONMENT

Name of Shipper

10/22/80

Date Shipped

71378605

Airbill Number

⑦ Description of Sample Location:

WELL # 3 ; 58 FOOT DEPTH

MATCHES INORGANIC # MC-8082

⑧ Special Handling Instructions:

(e.g., safety precautions, hazardous nature)

JANUARY
(C-8)



ORGANICS TRAFFIC REPORT

① Case Number: 282

Sample Site Name / Code:
HOFFMAN LANDFILL

TD# F3-8009-06

② Sample Type: (Check One)

☐ Run Off

☒ Well

☐ Receiving Water

☐ Leachate

☐ Effluent

☐ Other (specify) _____

ORIGINAL
(Red)

③ Ship To:

WEST COAST TECHNICAL
SERVICE

17605 FABRICA WAY
CERRITOS, CA.

90701

Attn:

LINDA BARNES

④ Regional Office:

Sampling Personnel: FIT-3

TUN DAY STONE
(Name)

609-665-1515
(Phone)

Sampling Date:

10/21/80 10/21/80
(Begin) (End)

⑤ Mark Volume Level on Sample Bottle

Date
Sampled

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

Extractable

10/21/80

VOA Unpreserved

10/21/80

VOA Unpreserved
(Duplicate)

10/21/80

10/21/80

⑥ Shipping Information

ECOLOGY AND ENVIRONMENT
INC.

Name of Shipper:

10/22/80
Date Shipped:

71378605
Airbill Number:

⑦ Description of Sample Location:

WELL # 10 ; 79 FOOT DEPTH

MATCHES INORGANIC # MC-8083

⑧ Special Handling Instructions:

(e.g., safety precautions, hazardous nature)

141010
(b)(1)



ORGANICS TRAFFIC REPORT

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Case Number: <u>282</u></p> <p>Sample Site Name/Code: <u>HP-4</u> <u>HOFFMAN Landfill</u> <u>TOD# F3-8009-06</u></p> | <p>② Sample Type: (Check One)</p> <p><input type="checkbox"/> Run Off</p> <p><input type="checkbox"/> Well</p> <p><input type="checkbox"/> Receiving Water</p> <p><input type="checkbox"/> Leachate</p> <p><input type="checkbox"/> Effluent</p> <p><input checked="" type="checkbox"/> Other (specify) <u>Sample Blank</u></p> | <p>③ Ship To: <u>West Coast</u> <u>Technical Service</u> <u>17605 Fabrica Way</u> <u>Gerritas, Ca.</u> <u>90201</u></p> <p>Attn: <u>Linda Barnes</u></p> |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| <p>④ Regional Office: <u>PHILA.</u> Sampling Personnel: <u>FIT-3</u> <u>ALTON STONE</u> (Name) <u>609-665-1515</u> (Phone) Sampling Date: <u>10/21/80</u> <u>10/21/80</u> (Begin) (End)</p> | <p>⑤ Mark Volume Level on Sample Bottle</p> <table border="1"><thead><tr><th></th><th>Date Sampled</th></tr></thead><tbody><tr><td>Extractable</td><td><u>10/21/80</u></td></tr><tr><td>Extractable</td><td><u>10/21/80</u></td></tr><tr><td>Extractable</td><td><u>10/21/80</u></td></tr><tr><td>Extractable</td><td><u>10/21/80</u></td></tr><tr><td>VOA Unpreserved</td><td><u>10/21/80</u></td></tr><tr><td>VOA Unpreserved (Duplicate)</td><td><u>10/21/80</u></td></tr></tbody></table> | | Date Sampled | Extractable | <u>10/21/80</u> | Extractable | <u>10/21/80</u> | Extractable | <u>10/21/80</u> | Extractable | <u>10/21/80</u> | VOA Unpreserved | <u>10/21/80</u> | VOA Unpreserved (Duplicate) | <u>10/21/80</u> | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|--|
| | Date Sampled | | | | | | | | | | | | | | | |
| Extractable | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| Extractable | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| Extractable | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| Extractable | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| VOA Unpreserved | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| VOA Unpreserved (Duplicate) | <u>10/21/80</u> | | | | | | | | | | | | | | | |
| <p>⑥ Shipping Information</p> <p><u>Ecodyt Environment Inc.</u> Name of Shipper: <u>10/22/80</u> Date Shipped: <u>71578605</u> Airbill Number:</p> | | | | | | | | | | | | | | | | |

⑦ Description of Sample Location:
Sample Blank.

Makes inorganic # AC-8076

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

REGIONAL OFFICE FILE COPY

JAN 1980
(12/8)

CHAIN OF CUSTODY RECORD

[illegible]

JAN 1980
(100)

Office of Enforcement

**Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106**

CHAIN OF CUSTODY RECORD

[illegible]

JANUARY
(66)

CHAIN OF CUSTODY RECORD

REMARKS

Distribution: Original Accompanies Shipment, Copy to Coordinator Field Files.

3-0199

12/11/73
(60)

REGION 3
Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106

Distribution: Original Accompanies Shipment, Copy to Coordinator Field Files.

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0000000000

CHAIN OF CUSTODY RECORD

REMARKS

Distribution: Original Accompanies Shipment; 1 copy to Coordinator Field Files

3-0199

CHAIN OF CUSTODY RECORD

REGION 3
Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106

Distribution: Original Accompanies Shipment; [redacted] to Coordinator Field Files

3-0199

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

CHAIN OF CUSTODY RECORD

| PROJ. NO. | | PROJECT NAME | | NO. OF CONTAINERS | | REMARKS | | | | | | | | | | | | |
|------------------------------|----------|---------------|-------|-----------------------------------------|----------------------|------------------------------|----|-------------|--|--------------------------|--|------------------------------|--|-------------|--|--------------------------|--|---------|
| SAMPLERS: (Signature) | | | | | | | | | | | | | | | | | | |
| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | | | | | | | | | | | | | |
| 100-307 | 12/20/80 | 1130 | | X | Water / Sample Blank | 2 | 2 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1130 | | X | Monitoring well #4 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1139 | | X | Monitoring well #5 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1140 | | X | Monitoring well #13 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1120 | | X | Monitoring well #13 | 2 | 2 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1145 | | X | Monitoring well #13 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1150 | | X | Monitoring well #13 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1145 | | X | Monitoring well #10 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1710 | | X | Monitoring well #10 | 1 | 1 | | | | | | | | | | | 100-307 |
| 100-307 | 12/20/80 | 1800 | | X | Monitoring well #10 | 2 | 2 | | | | | | | | | | | 100-307 |
| | | | | | | 13 | 13 | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | |
| [Signature] | | 10/22/80 1626 | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | |
| Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | |
| [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | |
| Relinquished by: (Signature) | | Date / Time | | Received for Laboratory by: (Signature) | | Date / Time | | Remarks | | | | | | | | | | |
| [Signature] | | [Signature] | | [Signature] | | [Signature] | | [Signature] | | | | | | | | | | |

